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April 6, 1999

TO: Examiner Claire Kaufman FAX #: (703) 308-0294

CONFIRMATION #: (703) 305-5791

CLIENT SYMBOL-CASE #: 19788-006.11

FROM: Anita Varma

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MESSAGE

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2002

Attorney Docket No. HMV-006.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)		
Philip W. Ingham et al.)) Art Unit: 1646	
Serial No.: 08/954,771)))	Examiner:	C. Kaufman
Filing Date: October 20, 1997))		
For: Vertebrate Embryonic Pattern Inducing Proteins and Uses Related Thereto)		

Assistant Commissioner for Patents Washington, D.C. 20231

Second Preliminary Amendment

Sir:

The Examiner restricted the claims of the instant application in a Restriction Requirement tnailed from the U.S. Patent and Trademark Office on September 18, 1998. In response to the Restriction Requirement, Applicants filed a complete response on January 19, 1999. Prior to Examination, please amend the claims as follows:

IN THE CLAIMS

(reiterated) A method for modulating one or more of growth, differentiation and survival of a neuronal cell, comprising contacting said cell with an effective amount of a hedgehog polypeptide.

(amended) A method for [modulating one or more of growth, differentiation and] 49. promoting survival of [a] marimalian neuronal cells responsive to hedgehog induction, comprising treating the cell with an effective amount of a hedgehog polypeptide, thereby